

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. (Original) A method for providing RPS modules, the method comprising:  
enabling a Remote Portal Service (RPS) module; and  
incorporating the RPS module into a networked portal server.
2. (Original) The method according to claim 1, further comprising generating content as defined by the RPS module.
3. (Original) The method according to claim 2, wherein the generating of the content includes determining an upgrade state.
4. (Original) The method according to claim 3, further comprising performing a modification.
5. (Original) The method according to claim 3, wherein the determining includes disabling the RPS module.
6. Cancelled
7. (Original) The method according to claim 6, wherein the enabling of the RPS module includes specifying an initialization parameter.
8. (Original) The method according to claim 6, wherein the enabling of the RPS module includes specifying a permission.
9. (Original) The method according to claim 1, wherein the incorporating of the RPS module includes obtaining an external reference identifier

10. (Original) The method according to claim 9, wherein the obtaining of the external reference identifier includes accessing a listed RPS directory server.

11. (Original) The method according to claim 10, wherein the accessing of the RPS directory server includes selecting the RPS directory server.

12. (Original) The method according to claim 1, wherein the incorporating of the RPS module includes obtaining a RPS configuration descriptor.

13. (Original) The method according to claim 12, wherein the incorporating of the RPS module includes generating a first descriptor based on the RPS configuration descriptor.

14. (Original) The method according to claim 13, wherein the incorporating of the RPS module includes storing the first descriptor.

15. (Original) The method according to claim 1, wherein incorporating of the RPS module includes obtaining a first descriptor.

16. (Original) The method according to claim 15, wherein the incorporating of the RPS module includes storing the first descriptor.

17. (Original) The method according to claim 1, further comprising eliminating the RPS module from the networked portal server.

18. (Original) The method according to claim 17, wherein the eliminating of the RPS module includes deleting a first descriptor.

19. (Original) The method according to claim 1, further comprising disabling the RPS module.

20. (Original) The method according to claim 19, wherein the disabling of the RPS module includes deleting an external reference identifier.

21. (Original) The method according to claim 19, wherein the disabling includes selecting the RPS module.
22. (Original) The method according to claim 1, further comprising modifying an access permission.
23. (Original) The method according to claim 22, wherein the modifying of the access permission includes specifying a new permission setting,
24. (Original) The method according to claim 1, further comprising adding the RPS module to a portal.
25. (Original) The method according to claim 24, wherein the adding of the RPS module to the portal includes obtaining a RPS configuration descriptor.
26. (Original) The method according to claim 25, wherein the adding of the RPS module to the portal includes storing the RPS configuration descriptor.
27. (Original) The method according to claim 26, wherein the adding of the RPS module to the portal includes connecting to the RPS module based on the RPS configuration descriptor.
28. (Original) The method according to claim 24, further comprising removing the RPS module from the portal.
29. (Original) The method according to claim 28, wherein the removing of the RPS module from the portal includes deleting a RPS configuration descriptor.
30. (Original) A system for providing RPS module, the system comprising:
  - a first server for enabling a Remote Portal Service (RPS) module;
  - a network; and
  - a second server, connected to the first server and the network, for incorporating the RPS module.

31. (Original) The system according to claim 30, further comprising a computer, connected to the network, for generating content as defined by the RPS module.
32. (Original) The system according to claim 31, wherein the generating of content includes determining an upgrade state.
33. (Original) The system according to claim 32, further comprising performing a modification to the RPS module.
34. (Original) The system according to claim 32, wherein the determining includes disabling the RPS module.
35. Cancelled
36. (Original) The system according to claim 35, wherein the enabling of the RPS module includes obtaining an initialization parameter.
37. (Original) The system according to claim 35, wherein the enabling of the RPS module includes obtaining a permission.
38. (Original) The system according to claim 30, wherein the incorporating of the RPS module includes obtaining an external reference identifier.
39. (Original) The system according to claim 38, wherein the obtaining of the external reference identifier includes accessing a directory.
40. (Original) The system according to claim 39, wherein the accessing of the directory includes selecting the directory.
41. (Original) The system according to claim 30, wherein the incorporating of the RPS module includes obtaining a RPS configuration descriptor.

42. (Currently Amended) The system according to claim 41, wherein the incorporating of the RPS module includes the second ~~server~~server generating a first ~~(i.e. java bean)~~ descriptor based on the RPS configuration descriptor ~~(text file)~~.
43. (Original) The system according to claim 42, wherein the incorporating of the RPS module includes storing the first descriptor.
44. (Original) The system according to claim 30, wherein incorporating of the RPS module includes obtaining a first descriptor.
45. (Original) The system according to claim 44, wherein the incorporating of the RPS module includes storing the first descriptor.
46. (Original) The system according to claim 30, further comprising the second server for eliminating the RPS module from the networked portal server.
47. (Original) The system according to claim 46, wherein the eliminating of the RPS module includes deleting a first descriptor.
48. (Original) The system according to claim 30, further comprising the first server for disabling the RPS module.
49. (Original) The system according to claim 48, wherein the disabling of the RPS module includes deleting an external reference identifier.
50. (Original) The system according to claim 48, wherein the disabling includes selecting the RPS module.
51. (Original) The system according to claim 30, further comprising the first server for modifying an access permission.

52. (Original) The system according to claim 51, wherein the modifying of the access permission includes specifying a new permission setting.

53. (Original) The system according to claim 30, further comprising the second server for adding the RPS module to a portal.

54. (Original) The system according to claim 53, wherein the adding of the RPS module to the portal includes obtaining a RPS configuration descriptor.

55. (Original) The system according to claim 54, wherein the adding of the RPS module to the portal includes storing the RPS configuration descriptor.

56. (Original) The system according to claim 55, wherein the adding of the RPS module to the portal includes the second server for connecting to the RPS module based on the RPS configuration descriptor.

57. (Original) The system according to claim 53, further comprising the second server for removing the RPS module from the portal.

58. (Original) The system according to claim 57, wherein the removing of the RPS module from the portal includes deleting a RPS configuration descriptor.

59. (Original) A device for managing the deployment of RPS modules, the device comprising:

a network interface exchanging information with a network;

a memory storing program, instructions; and

a processor, coupled to the memory and the network interface, for enabling a Remote

Portal Service module.

60. Cancelled

61. (Original) The device according to claim 60, wherein the enabling of the RPS module includes obtaining an initialization parameter.
62. (Original) The device according to claim 60, wherein the enabling of the RPS module includes obtaining a permission.
63. (Original) The device according to claim 59, further comprising the processor for disabling the RPS module.
64. (Original) The device according to claim 63, wherein the disabling of the RPS module includes deleting an external reference identifier.
65. (Original) The device according to claim 63, wherein the disabling includes selecting the RPS module.
66. (Original) The device according to claim 59, further comprising the processor for modifying an access permission.
67. (Original) The device according to claim 66, wherein the modifying of the access permission includes obtaining a new permission setting.
68. (Original) The device according to claim 59, wherein the exchanging of information is performed based on a XML over SOAP protocol.
69. (Original) A device for managing deployed RPS modules, the device comprising:  
a network interface exchanging information with a network;  
a memory storing program instructions; and  
a processor, connected to the network interface and memory, for incorporating the RPS module.
70. (Original) The device according to claim 69, wherein the incorporating of the RPS module includes obtaining an external reference identifier.

71. (Original) The device according to claim 70, wherein the obtaining of the external reference identifier includes accessing a directory.
72. (Original) The device according to claim 71, wherein the accessing of the directory includes selecting the directory.
73. (Original) The device according to claim 69, wherein the incorporating of the RPS module includes obtaining a RPS configuration descriptor.
74. (Original) The device according to claim 73, wherein the incorporating of the RPS module includes generating a first descriptor based on the RPS configuration descriptor.
75. (Original) The device according to claim 74, wherein the incorporating of the RPS module includes storing the first descriptor.
76. (Original) The device according to claim 69, wherein incorporating of the RPS module includes obtaining a first descriptor.
77. (Original) The device according to claim 76, wherein the incorporating of the RPS module includes storing the first descriptor.
78. (Original) The device according to claim 69, further comprising the processor eliminating the RPS module from the networked portal server.
79. (Original) The device according to claim 78, wherein the eliminating of the RPS module includes deleting a first descriptor.
80. (Original) The device according to claim 69, further comprising the processor adding the RPS module to a portal.



81. (Original) The device according to claim 80, wherein the adding of the RPS module to the portal includes obtaining a RPS configuration descriptor.

82. (Original) The device according to claim 81, wherein the adding of the RPS module to the portal includes storing the RPS configuration descriptor,

83. (Original) The device according to claim 81, wherein the adding of the RPS module to the portal includes connecting to the RPS module based on the RPS configuration descriptor.

84. (Original) The device according to claim 69, further comprising the processor removing the RPS module from the portal.

85. (Original) The device according to claim 84, wherein the removing of the RPS module from the portal includes deleting a RPS configuration descriptor.

86. (Original) The device according to claim 69, wherein the exchanging of information is performed based on a XML over SOAP protocol.

87. (Original) A computer program product comprising:  
a computer useable medium including computer program instructions for managing the deployment of RPS Services; and  
computer program instructions for enabling a Remote Portal Service module.

88. Cancelled

89. (Original) The computer program product according to claim 87, wherein the enabling of the RPS module includes obtaining an initialization parameter.

90. (Original) The computer program product according to claim 87, wherein the enabling of the RPS module includes obtaining a permission.

91. (Original) The computer program product according to claim 87, further comprising computer program instructions for disabling the RPS module.

92. (Original) The computer program product according to claim 91, wherein the disabling of the RPS module includes deleting an external reference identifier.

93. (Original) The computer program product according to claim 91, wherein the disabling includes selecting the RPS module.

94. (Original) The computer program product according to claim 87, further comprising computer program instructions for modifying an access permission.

95. (Original) The computer program product according to claim 94, wherein the modifying of the access permission includes obtaining a new permission setting.

96. (Original) A computer program product comprising:  
a computer useable medium including computer program instructions for managing deployed RPS Services; and  
computer program instructions for incorporating the RPS module.

97. (Original) The computer program product according to claim 96, wherein the incorporating of the RPS module includes obtaining an external reference identifier.

98. (Original) The computer program product according to claim 97, wherein the obtaining of the external reference identifier includes accessing a directory.

99. (Original) The computer program product according to claim 98, wherein the accessing of the directory includes selecting the directory.

100. (Original) The computer program product according to claim 96, wherein the incorporating of the RPS module includes obtaining a RPS configuration descriptor.

101. (Currently Amended) The computer program product according to claim 100, wherein the computer program instructions are executing on a first server in a network portal and the incorporating of the RPS module includes the a second severserver generating a first descriptor based on the RPS configuration descriptor, wherein the second server is not in the network portal.

102. (Original) The computer program product according to claim 101, wherein the incorporating of the RPS module includes storing the first descriptor.

103. (Original) The computer program product according to claim 96, wherein incorporating of the RPS module includes obtaining a first descriptor.

104. (Original) The computer program product according to claim 103, wherein the incorporating of the RPS module includes storing the first descriptor.

105. (Original) The computer program product according to claim 96, further comprising computer program instructions for eliminating the RPS module from the networked portal server.

106. (Original) The computer program product according to claim 105, wherein the eliminating of the RPS module includes deleting a first descriptor.

107. (Original) The computer program product according to claim 96, further comprising computer program instructions for adding the RPS module to a portal.

108. (Original) The computer program product according to claim 107, wherein the adding of the RPS module to the portal includes obtaining a RPS configuration descriptor.

109. (Original) The computer program product according to claim 108, wherein the adding of the RPS module to the portal includes storing the RPS configuration descriptor.

110. (Original) The computer program product according to claim 108, wherein the adding of the RPS module to the portal includes connecting to the RPS module based on the RPS configuration descriptor.

111. (Original) The computer program product according to claim 96, further comprising computer program instructions for removing the RPS module from the portal.

112. (Original) The computer program product according to claim 111, wherein the removing of the RPS module from the portal includes deleting a RPS configuration descriptor.

113. (New) A method for providing a remote service in a portal, the method comprising:  
providing a portal with a portal system, wherein the portal includes a set of modules and at least one of the set of modules is a remote portal service (RPS) module;  
obtaining data corresponding to a remote service on a remote system, wherein the remote system is remote from the portal system; and  
exposing the data in the RPS module.

114. (New) A method for providing a remote service in a portal, the method comprising:  
obtaining an identifier corresponding to a remote service, wherein the remote service is hosted by a remote system and the remote system is remote from a portal system;  
obtaining configuration information corresponding to the remote service, wherein the configuration information is obtained using the identifier; and  
incorporating the remote service into a remote portal service module in a portal using the configuration information such that the remote service is exposed in the remote portal service module, wherein the portal is provided by the portal system.

115. (New) A portal system for providing a portal, the system comprising:  
a first server operable to obtain data from a remote system pertaining to a remote service on the remote system, wherein the remote system is remote from the portal system; and  
a second server, coupled to the first server, for providing a portal, the portal including a set of modules wherein at least one of the set of modules is a remote portal service

(RPS) module and the second server is operable to receive the data and expose the data in the RPS module.